

SYSTEM **P**LANNING & **A**NALYSIS **R**eport

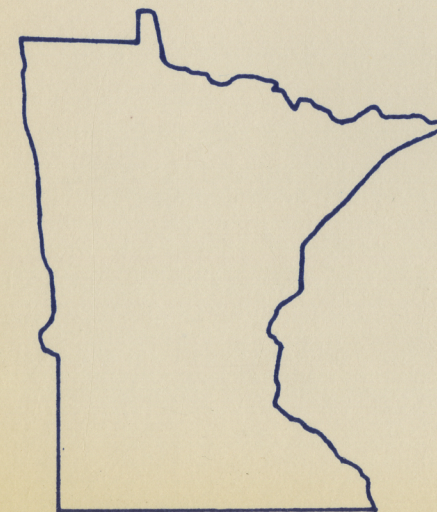
S-119

T. H. 36
T. H. 35E TO T. H. 494

S. P. 1925-01, 2758-10

NOVEMBER, 1972

PREPARED BY
OFFICE OF SYSTEM PLANNING



**MINNESOTA
DEPARTMENT
OF HIGHWAYS**

DEPARTMENT HIGHWAY - Statewide Planning -
Room 807 - Extension 3158

Office Memorandum

TO : Paul G. Velz
Road Design Engineer

DATE: November 14, 1972

FROM : Morris Gildemeister, Chief
Statewide Planning Section

SUBJECT: T.H. 36, T.H. 35E to T.H. 494
S.P. 1925-01, 2758-10
System Planning and Analysis Report S-119

This report is in answer to D. A. Haukebo's May 30, 1972 request for 1995 traffic volumes. Page 2 shows location of project. Page 4 map is a continuation of Page 3 map for the combined total of 66 road segments. Pages 5 through 10 are tabulation pages of those 66 road segments. Basic information to prepare this report is presented on Page 11. Segment 66, with a 1995 ADT of 31680 vehicles has a 1970 ADT of 10000 vehicles on T.H. 36 north of T.H. 494.

Morris Gildemeister

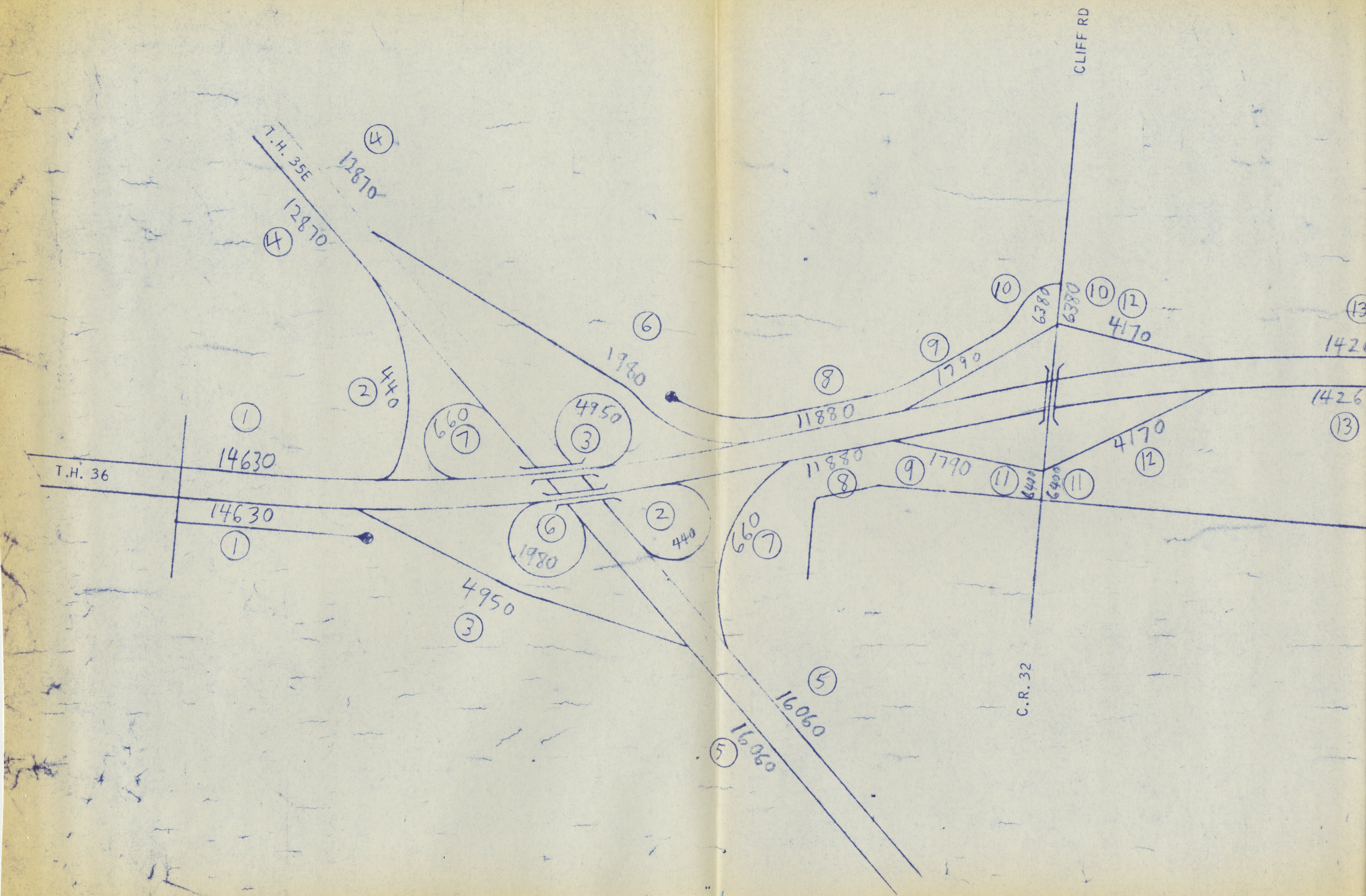
Morris Gildemeister, Chief
Statewide Planning Section

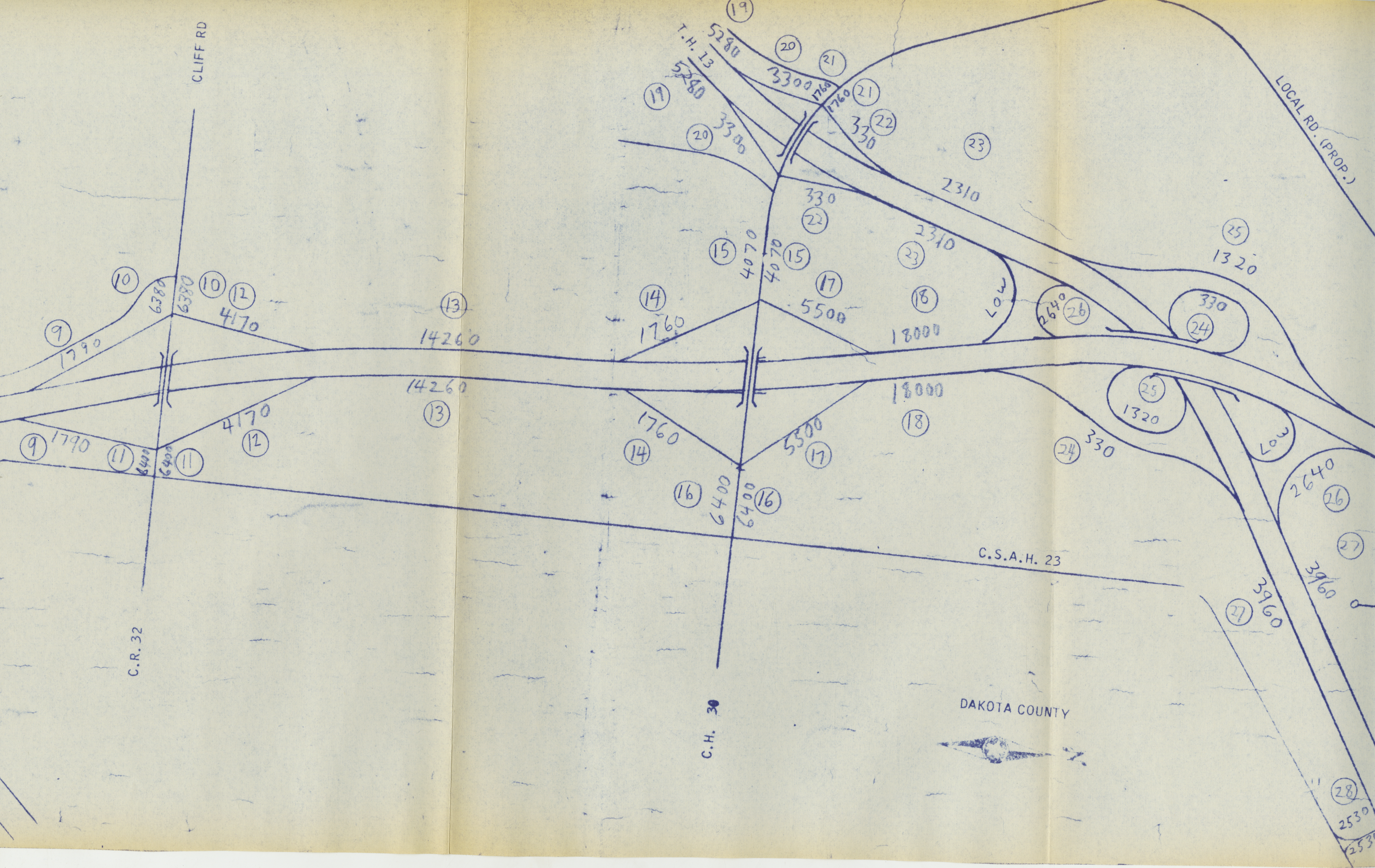
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STATE OF MINNESOTA
DEPARTMENT OF HIGHWAYS
WORK MAP

Project Location
S.P. 1925-01, 2758-10





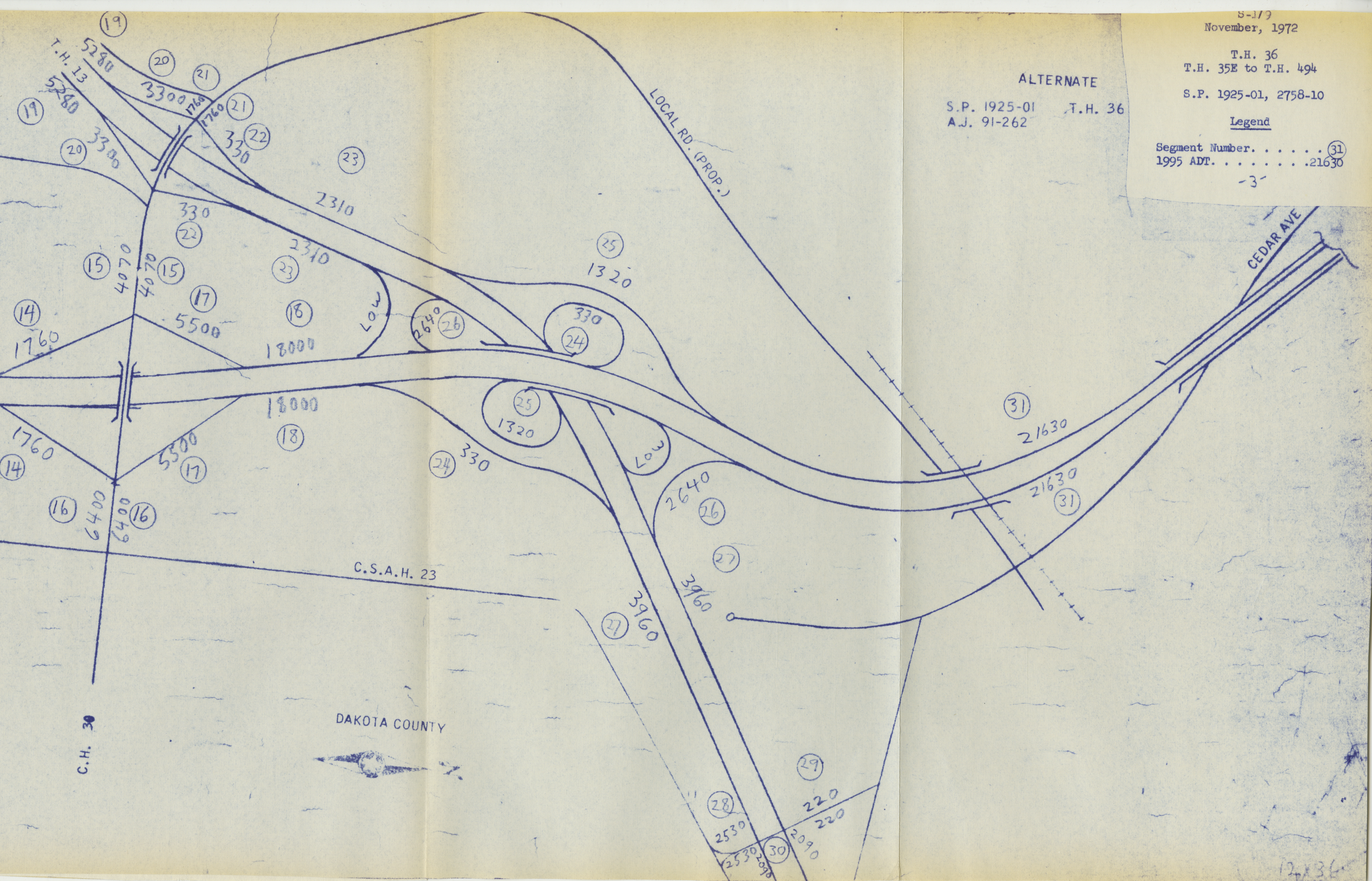


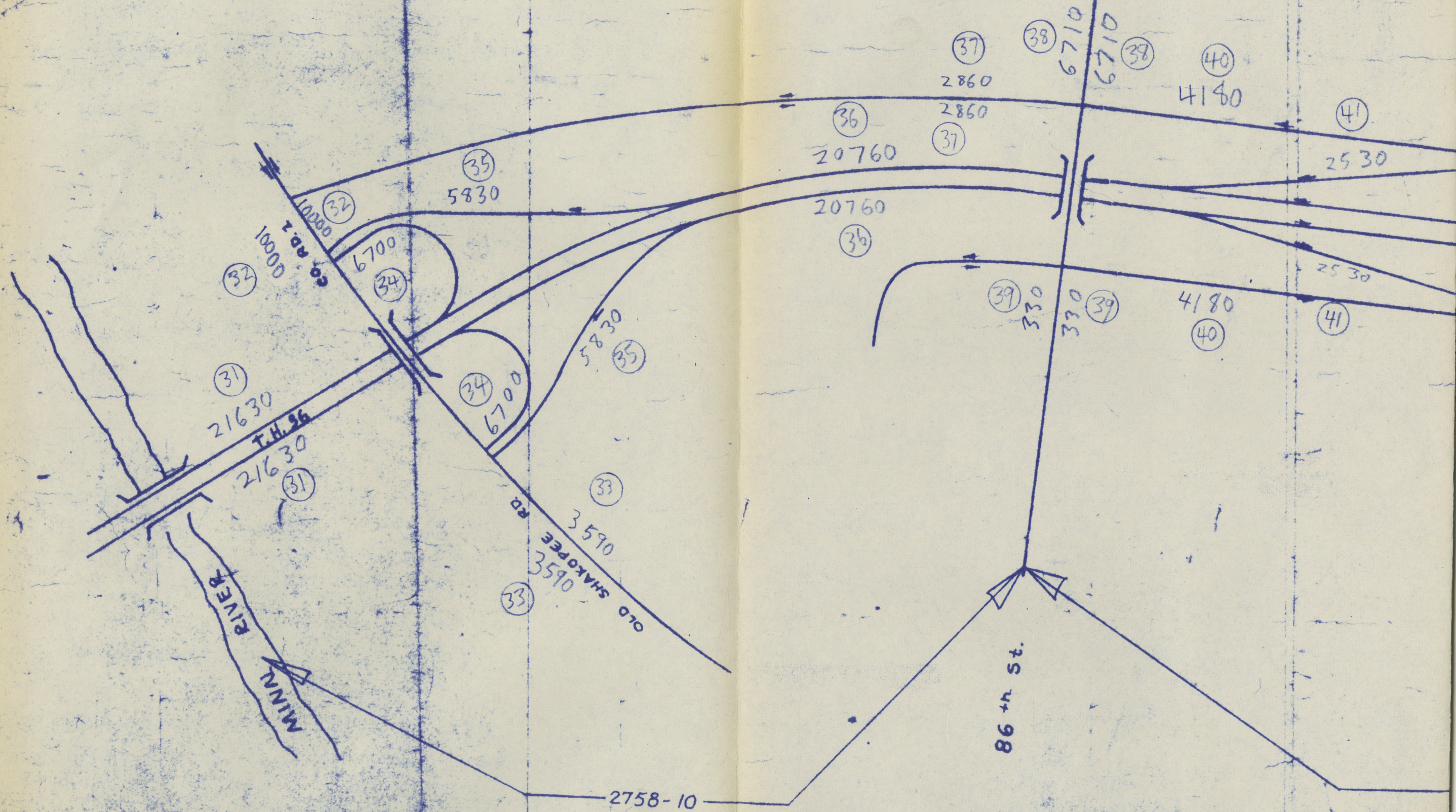
T.H. 36
T.H. 35E to T.H. 494
S.P. 1925-01, 2758-10

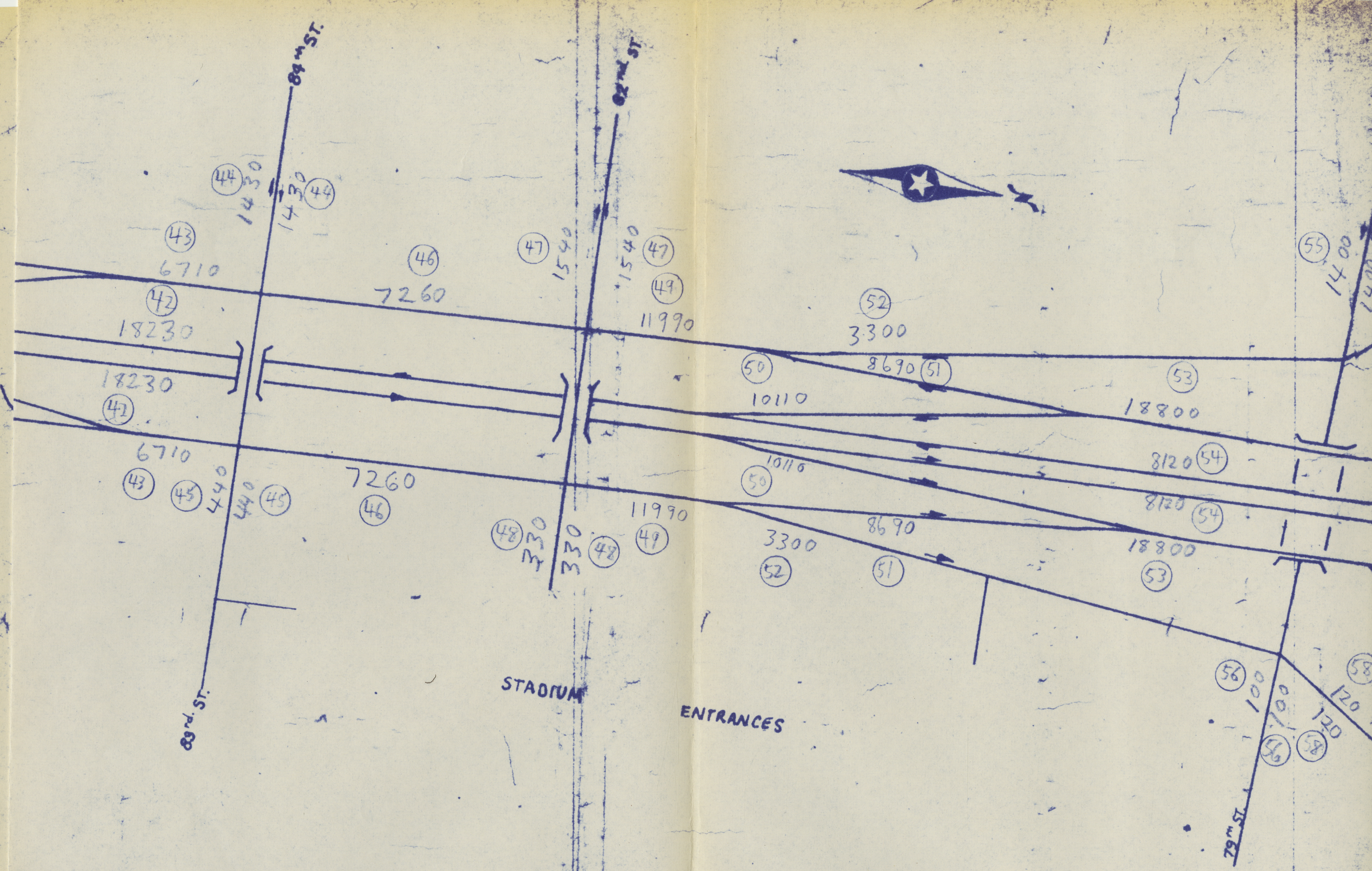
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Segment Number. (31)
1995 ADT. 21630

-3-







S-113
November, 1972

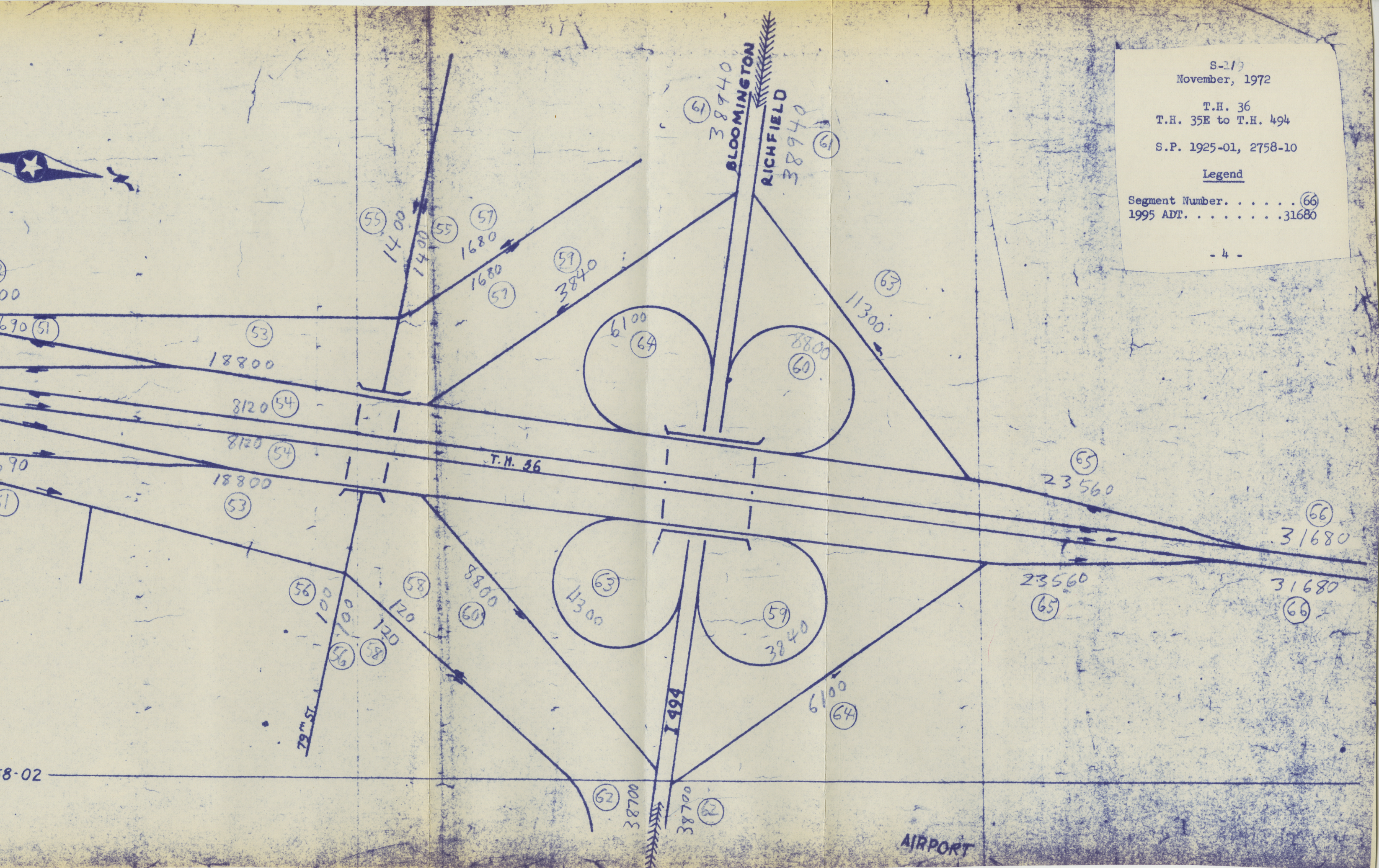
T.H. 36
T.H. 35E to T.H. 494

S.P. 1925-01, 2758-10

Legend

Segment Number. (66)
1995 ADT. 31680

- 4 -



TRAFFIC ESTIMATE DATA

DESIGN YEAR 1995 PART 1 OF 6

FOR

T.H. 36 S.P. 1925-01, 2758-10 LENGTH ---- MILES
COUNTY Dakota, Hennepin LOCATION T.H. 35E to T.H. 404

BASED ON

1995 ADT FROM TRAFFIC ANALYSIS UNIT

SHOWING

TOTAL ADT ON SEGMENTS 1 THROUGH 11 AS
DEFINED ON ATTACHED INDEX MAP

VEHICLE # TYPE	SEGMENT NUMBER										
	1	2	3	4	5	6	7	8	9	10	11
0	13962	410	4798	11779	14959	1848	640	11242	1694	6001	6020
1	325	13	78	388	404	50	10	303	43	148	148
2	143	5	24	105	106	21	3	138	17	71	72
3	14	2	8	111	111	7	1	12	6	34	34
4	27	3	12	131	129	13	2	27	10	41	41
5	36	4	20	194	193	20	3	35	16	65	65
6	123	3	10	72	68	12	1	123	4	20	20
TOTAL ADT	14630	440	4950	12870	16060	1980	660	11880	1790	6380	6400
TOTAL H. COMM. ADT	668	30	152	1091	1101	132	20	638	96	379	380
TOTAL DHV											
DIRECTIONAL DISTRIBUTION											

* VEHICLE TYPE CODE

- 0 = PASSENGER CARS AND 4 TIRE TRUCKS
1 = SINGLE UNIT-2 AXLE-6 TIRE TRUCKS
2 = SINGLE UNIT-3 AXLE TRUCKS
3 = TRACTOR-TRUCK OR SEMI-TRAILER- 3 AXLES
- 4 = TRACTOR-TRUCK OR SEMI-TRAILER - 4 AXLES
5 = TRACTOR-TRUCK OR SEMI-TRAILER - 5 AXLES
6 = BUSES AND TRUCKS WITH TRAILERS

TRAFFIC ESTIMATE DATA

DESIGN YEAR 1995 PART 2 OF 6

FOR

T.H. 36 S.P. 1925-01, 2758-10 LENGTH ---- MILES
COUNTY Dakota, Hennepin LOCATION T.H. 35E to T.H. 404

BASED ON

1995 ADT FROM TRAFFIC ANALYSIS UNIT

SHOWING

TOTAL ADT ON SEGMENTS 12 THROUGH 22 AS
DEFINED ON ATTACHED INDEX MAP

VEHICLE # TYPE	SEGMENT NUMBER										
	12	13	14	15	16	17	18	19	20	21	22
0	3971	13519	1662	3844	6045	5207	17064	4971	3109	1680	315
1	101	361	43	94	153	134	452	118	77	41	8
2	40	161	18	46	69	53	196	60	38	20	4
3	16	22	6	17	27	22	38	19	15	2	-
4	10	27	10	22	29	15	32	26	18	4	-
5	18	37	16	33	55	50	71	68	32	7	2
6	14	133	5	14	22	19	147	18	11	6	1
TOTAL ADT	4170	14260	1760	4070	6400	5500	18000	5280	3300	1760	330
TOTAL H. COMM. ADT	199	741	98	226	355	293	936	309	191	80	15
TOTAL DHV											
DIRECTIONAL DISTRIBUTION											

* VEHICLE TYPE CODE

- 0 = PASSENGER CARS AND 4 TIRE TRUCKS
1 = SINGLE UNIT-2 AXLE-6 TIRE TRUCKS
2 = SINGLE UNIT-3 AXLE TRUCKS
3 = TRACTOR-TRUCK OR SEMI-TRAILER- 3 AXLES
- 4 = TRACTOR-TRUCK OR SEMI-TRAILER - 4 AXLES
5 = TRACTOR-TRUCK OR SEMI-TRAILER - 5 AXLES
6 = BUSES AND TRUCKS WITH TRAILERS

TRAFFIC ESTIMATE DATA

DESIGN YEAR 1995 PART 3 OF 6

FOR

T.H. 36 S.P. 1925-01, 2758-10 LENGTH ---- MILES
COUNTY Dakota, Hennepin LOCATION T.H. 35E to T.H. 494

BASED ON

1995 ADT FROM TRAFFIC ANALYSIS UNIT

SHOWING

TOTAL ADT ON SEGMENTS 23 THROUGH 33 AS
DEFINED ON ATTACHED INDEX MAP

VEHICLE * TYPE	SEGMENT NUMBER											
	23	24	25	26	27	28	29	30	31	32	33	
0	2177	312	1252	2523	3760	2402	208	1986	20527	9495	3376	
1	49	9	25	35	68	47	5	38	503	303	129	
2	26	2	16	32	44	29	3	24	242	111	47	
3	4	1	2	4	7	4	-	3	43	5	2	
4	8	3	7	10	14	8	-	6	46	8	3	
5	38	1	12	24	51	30	2	25	106	28	12	
6	8	2	6	12	16	10	2	8	163	50	21	
TOTAL ADT	2310	330	1320	2640	3960	2530	220	2090	21630	10000	3590	
TOTAL H. COMM. ADT	133	18	68	117	200	128	12	104	1103	505	214	
TOTAL DHV												
DIRECTIONAL DISTRIBUTION												

* VEHICLE TYPE CODE

0 = PASSENGER CARS AND 4 TIRE TRUCKS 4 = TRACTOR-TRUCK OR SEMI-TRAILER - 4 AXLES
1 = SINGLE UNIT-2 AXLE-6 TIRE TRUCKS 5 = TRACTOR-TRUCK OR SEMI-TRAILER - 5 AXLES
2 = SINGLE UNIT-3 AXLE TRUCKS 6 = BUSES AND TRUCKS WITH TRAILERS
3 = TRACTOR-TRUCK OR SEMI-TRAILER- 3 AXLES

TRAFFIC ESTIMATE DATA

DESIGN YEAR 1995 PART 4 OF 6

FOR

T.H. 36 S.P. 1925-01, 2758-10 LENGTH ---- MILES
COUNTY Dakota, Hennepin LOCATION T.H. 35E to T.H. 494

BASED ON

1995 ADT FROM TRAFFIC ANALYSIS UNIT

SHOWING

TOTAL ADT ON SEGMENTS 34 THROUGH 44 AS
DEFINED ON ATTACHED INDEX MAP

VEHICLE * TYPE	SEGMENT NUMBER											
	34	35	36	37	38	39	40	41	42	43	44	
0	6396	5566	19697	2756	6468	314	4028	2362	17337	6390	1378	
1	182	159	480	44	103	5	64	69	411	133	22	
2	67	58	233	30	70	3	44	53	180	97	15	
3	3	2	42	4	9	1	6	9	33	15	2	
4	5	4	45	7	16	1	10	5	39	15	4	
5	17	15	104	15	35	5	22	6	97	28	7	
6	30	26	159	4	9	1	6	26	133	32	2	
TOTAL ADT	6700	5830	20760	2860	6710	330	4180	2530	18230	6710	1430	
TOTAL H. COMM. ADT	304	264	1063	104	242	16	152	168	893	320	52	
TOTAL DHV												
DIRECTIONAL DISTRIBUTION												

* VEHICLE TYPE CODE

0 = PASSENGER CARS AND 4 TIRE TRUCKS 4 = TRACTOR-TRUCK OR SEMI-TRAILER - 4 AXLES
1 = SINGLE UNIT-2 AXLE-6 TIRE TRUCKS 5 = TRACTOR-TRUCK OR SEMI-TRAILER - 5 AXLES
2 = SINGLE UNIT-3 AXLE TRUCKS 6 = BUSES AND TRUCKS WITH TRAILERS
3 = TRACTOR-TRUCK OR SEMI-TRAILER- 3 AXLES

TRAFFIC ESTIMATE DATA

DESIGN YEAR 1995 PART 5 OF 6

FOR

T.H. 36 S.P. 1925-01, 2758-10 LENGTH ----- MILES

COUNTY Dakota, Hennepin LOCATION T.H. 35E to T.H. 494

BASED ON

1995 ADT FROM TRAFFIC ANALYSIS UNIT

SHOWING

TOTAL ADT ON SEGMENTS 45 THROUGH 55 AS

DEFINED ON ATTACHED INDEX MAP

VEHICLE * TYPE	SEGMENT NUMBER										
	45	46	47	48	49	50	51	52	53	54	55
0	419	6914	1468	314	11462	9627	8282	3180	17909	7710	1335
1	7	144	24	5	226	202	175	51	377	209	22
2	4	105	16	3	120	116	94	35	210	64	14
3	1	16	2	1	10	10	5	5	15	23	2
4	1	16	4	1	30	32	31	8	64	6	3
5	7	30	24	5	98	95	81	17	176	2	22
6	1	35	2	1	26	27	22	4	40	106	2
TOTAL ADT	440	7260	1540	330	11990	10110	8690	3300	18800	8120	1400
TOTAL H. COMM. ADT	21	346	72	16	528	483	408	120	891	410	65
TOTAL DHV											
DIRECTIONAL DISTRIBUTION											

* VEHICLE TYPE CODE

- 0= PASSENGER CARS AND 4 TIRE TRUCKS
1= SINGLE UNIT-2 AXLE-6 TIRE TRUCKS
2= SINGLE UNIT-3 AXLE TRUCKS
3= TRACTOR-TRUCK OR SEMI-TRAILER- 3 AXLES
- 4= TRACTOR-TRUCK OR SEMI-TRAILER - 4 AXLES
5= TRACTOR-TRUCK OR SEMI-TRAILER - 5 AXLES
6= BUSES AND TRUCKS WITH TRAILERS

TRAFFIC ESTIMATE DATA

DESIGN YEAR 1995 PART 6 OF 6

FOR

T.H. 36 S.P. 1925-01, 2758-10 LENGTH ----- MILES

COUNTY Dakota, Hennepin LOCATION T.H. 35E to T.H. 494

BASED ON

1995 ADT FROM TRAFFIC ANALYSIS UNIT

SHOWING

TOTAL ADT ON SEGMENTS 56 THROUGH 66 AS

DEFINED ON ATTACHED INDEX MAP

VEHICLE * TYPE	SEGMENT NUMBER										
	56	57	58	59	60	61	62	63	64	65	66
0	95	1619	114	3658	8379	36525	36326	10698	5778	22348	30058
1	2	26	3	77	176	545	481	351	188	663	872
2	1	18	1	43	102	545	582	50	28	143	207
3	-	2	-	3	9	78	55	62	33	98	121
4	-	4	-	13	28	156	141	63	33	110	125
5	2	9	2	36	83	974	1010	23	12	92	94
6	-	2	-	10	23	117	105	53	28	97	203
TOTAL ADT	100	1680	120	3840	8800	38940	38700	11300	6100	23560	31680
TOTAL H. COMM. ADT	5	61	6	182	421	2415	2374	602	322	1212	1622
TOTAL DHV											
DIRECTIONAL DISTRIBUTION											

* VEHICLE TYPE CODE

- 0= PASSENGER CARS AND 4 TIRE TRUCKS
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2= SINGLE UNIT-3 AXLE TRUCKS
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5= TRACTOR-TRUCK OR SEMI-TRAILER - 5 AXLES
6= BUSES AND TRUCKS WITH TRAILERS

Basic Information to Prepare this Report

The 1995 ADT and DHV are transmitted in SPAR M-114 on September 7, 1972.

The HCADT totals agree with the System 14 study.

Vehicle type distributions are based on vehicle classification counts taken on or near the project location.

This report assumes that T.H. 35E will be completed. Also T.H. 36 will be a freeway from T.H. 35E to the 62nd Street Crosstown.